



DATE: 04-10-2017  
 TIME: 20:10:12

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
 DETAILED CURRICULUM REPORT  
 Seattle CAMPUS

REPORT: SR21010-R-01 K  
 PAGE: 250

COLLEGE : C - Arts & Sciences  
 DEPARTMENT: CHEMISTRY

CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D D S H F V L E E W										RESPONS	JOINT	O				
						-ALL	U	GRD	E	U	N	E	P	&	N				C	M	S	N
CHEM	152	GENERAL CHEMISTRY General Chemistry	AUT/2015 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 3/11/15 APPROVED: 2/14/97 FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081 COMMENT:CHG DESC																
CHEM	153	AACELERATD GEN CHEM Accelerated General Chemistry	WIN/2017 -	AUT/9999	6.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
						LAST UPDT: 4/28/16 APPROVED: 4/22/16																
CHEM	154	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 7/31/12 APPROVED: 6/16/09 FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081																
CHEM	155	H-GENERAL CHEMISTRY Honors General Chemistry	AUT/2008 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 2/09/15 FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081 COMMENT:CHG DESC PER 08-10 UPDATE																
CHEM	162	GENERAL CHEMISTRY General Chemistry	AUT/2015 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 3/11/15 APPROVED: 2/14/97 FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081 COMMENT:CHG DESC																
CHEM	164	ADV GENERAL CHEM ADVANCED GENERAL CHEMISTRY	AUT/2009 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 7/31/12 APPROVED: 6/16/09 FEE TYPE:1 \$55.00 BUDGET:069318 REV OBJ CD:943081																
CHEM	165	H-GENERAL CHEMISTRY Honors General Chemistry	AUT/2008 -	AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	Y	.	.	.	.	.	.	.
						LAST UPDT: 2/09/15 APPROVED: 2/23/96 FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081 COMMENT:CHG DESC PER 08-10 UPDATE																
CHEM	190	DISCOVERY SEMINAR Freshman Discovery Seminar in Chemistry	AUT/2009 -	AUT/9999	5.0	.	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.
						LAST UPDT: 3/18/09 APPROVED: 3/17/09																
CHEM	192	CHEM ACHVMNT WRKSHP Chemistry Achievement Workshop	SUM/2016 -	AUT/9999	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 7/07/16 APPROVED:10/20/15																

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CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V	E E W					RESPONS	JOINT	O
						-ALL	U		GRD	E	U		N	E	P	I	N			
CHEM	197	SCI OUTREACH TRAIN SCIENCE OUTREACH TRAINING	WIN/2017 -	AUT/9999	1.0-02.0	2.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	
						LAST UPDT:12/23/16		APPROVED: 9/27/93												
CHEM	198	TUTORIAL STUDY Tutorial Study	SUM/2016 -	AUT/9999	2.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.		
						LAST UPDT: 4/20/16														
CHEM	199	SPECIAL PROBLEMS Special Problems	SPR/1995 -	AUT/9999	1.0-06.0	6.0	Y	CR/NC	.	.	.	Y	.	.	.	.	.	.		
						LAST UPDT: 7/23/15														
						FEE TYPE:1		\$50.00		BUDGET:069318		REV OBJ		CD:943081						
CHEM	220	PRINCIPLES CHEM II Principles of Chemistry II	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	Y	.	.	.		
						LAST UPDT: 2/09/15														
						COMMENT:12-14 DESC, PREQ CHG		FEE TYPE:1		\$65.00		BUDGET:069318		REV OBJ		CD:943081				
CHEM	221	PRINCIPLES CHEM III Principles of Chemistry III	AUT/2012 -	AUT/9999	5.0	.	.	.	.	.	.	Y	.	.	Y	.	.	.		
						LAST UPDT: 2/09/15		APPROVED: 4/28/94												
						COMMENT:12-14 DESC CHG		FEE TYPE:1		\$65.00		BUDGET:069318		REV OBJ		CD:943081				
CHEM	223	ORG CHEM SHORT PROG Organic Chemistry - Short Program	SPR/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	Y	.	.	.	.		
						LAST UPDT: 4/07/17		APPROVED:10/01/89												
CHEM	224	ORG CHEM SHORT PROG Organic Chemistry - Short Program	WIN/2002 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	Y	.	.	.	.		
						LAST UPDT:10/26/04		APPROVED:10/01/89												
						COMMENT:CHANGE COURSE DESCRIPTOIN														
CHEM	237	ORGANIC CHEMISTRY Organic Chemistry	SPR/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	Y	.	.	.	.		
						LAST UPDT: 2/10/17		APPROVED:10/27/89												
CHEM	238	ORGANIC CHEMISTRY Organic Chemistry	AUT/2016 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	Y	.	.	.	.		
						LAST UPDT: 7/18/16		APPROVED:10/27/89												
CHEM	239	ORGANIC CHEMISTRY Organic Chemistry	SPR/2017 -	AUT/9999	4.0	.	.	.	.	.	.	.	.	Y	.	.	.	.		
						LAST UPDT:12/23/16		APPROVED:10/01/89												

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U	E	U	N	E	P & N	C	M			
CHEM 241	ORGANIC CHEM LAB Organic Chemistry Laboratory	AUT/2016 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16 APPROVED: 9/01/77													
				FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 242	ORGANIC CHEM LAB Organic Chemistry Laboratory	AUT/2016 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16													
				FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 291	STUDY ABROAD Study Abroad - Chemistry	SPR/2007 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 1/24/07 APPROVED: 1/24/07													
CHEM 296	INTRO CHEM RESEARCH RESEARCH IN CHEMISTRY, AN INTRODUCTION	SPR/2002 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/14/02 APPROVED: 2/14/97													
				COMMENT:GENCAT PREREQ CHANGE													
CHEM 297	SCI OUTREACH PARTIC SCIENCE OUTREACH PARTICIPATION	WIN/2017 - AUT/9999	1.0-02.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:12/23/16 APPROVED: 9/27/93													
CHEM 299	SPEC PROBS/RPT WRITG Special Problems and Report Writing	SPR/1995 - AUT/9999	1.0-06.0	6.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	Y
				LAST UPDT: 8/17/06 APPROVED: 9/20/84													
CHEM 312	INORGANIC CHEMISTRY Inorganic Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16 APPROVED:10/01/89													
CHEM 317	INORGANIC CHEM LAB Inorganic Chemistry Laboratory	WIN/2017 - AUT/9999	4.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16 APPROVED:10/01/89													
				FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 321	QUANTITATIVE ANLYS Quantitative Analysis	AUT/2009 - AUT/9999	5.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/09/15 APPROVED: 9/01/77													
				COMMENT:CHG PREQ													
				FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081													
CHEM 335	H-ORGANIC CHEMISTRY Honors Organic Chemistry	AUT/2012 - AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/31/12 APPROVED: 2/01/71													
				COMMENT:12-14 PREQ CHG													

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CURRIC	NUM	COURSE TITLE	EFFECTIVE	QUARTERS	CREDITS	OVER D		D	S H F			V	E E W				RESPONS	JOINT	O				
						-ALL	U		GRD	E	U		N	E	P	&				N	C	M	S
						MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	T
CHEM	336	H-ORGANIC CHEMISTRY Honors Organic Chemistry	WIN/1986 -	AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT:10/26/04 APPROVED: 2/01/71																	
CHEM	337	H-ORGANIC CHEMISTRY Honors Organic Chemistry	WIN/2003 -	AUT/9999	4.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/23/05 APPROVED: 2/01/71																	
						COMMENT:CHG DESCRIPTION																	
CHEM	346	H-ORGANIC CHEM LAB Organic Chemistry Honors Laboratory	WIN/2015 -	AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/09/15 APPROVED: 9/01/77																	
						COMMENT:EMAIL PREREQ CHANGE FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081																	
CHEM	347	H-ORG&QUAL ORGN LAB Organic and Qualitative Organic Honors Laboratory	WIN/2015 -	AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/09/15																	
						COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081																	
CHEM	397	SCI OUTREACH MENTOR SCIENCE OUTREACH MENTORS	AUT/1998 -	AUT/9999	1.0-02.0	6.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 8/25/16 APPROVED: 9/27/93																	
CHEM	399	UNDERGRAD RESEARCH Undergraduate Research	AUT/1984 -	AUT/9999	0.0	12.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 4/11/94																	
CHEM	410	RADIOCHEM LAB Radiochemistry Laboratory	WIN/2013 -	AUT/9999	2.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 2/09/15 APPROVED:12/01/89																	
						COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081																	
CHEM	415	THE CHEMICAL BOND THE CHEMICAL BOND	SPR/2002 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 1/16/02																	
						COMMENT:GENCAT PREREQ CHANGE																	
CHEM	416	TRANSITION METALS Transition Metals	SPR/2002 -	AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.	.	.	.	.
						LAST UPDT: 4/21/05 APPROVED: 6/01/85																	
						COMMENT:GENCAT PREREQ CHANGE																	

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 417	ORGANOMETALLIC CHEM Organometallic Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16		APPROVED:12/01/87											
CHEM 418	NUCLEAR CHEMISTRY Nuclear Chemistry	WIN/2016 - SPR/2018	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 3/23/16		APPROVED: 5/01/81											
CHEM 418	NUCLEAR CHEMISTRY Nuclear Chemistry	SUM/2018 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/17/15		APPROVED: 5/01/81											
CHEM 419	BIOINORGANIC CHEM Bioinorganic Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16		APPROVED:10/01/89											
CHEM 425	MESO/MICROFLUIDICS Meso and Microfluidics in Chemical Analysis	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT:12/23/16		APPROVED: 9/20/16											
CHEM 426	INSTRUMENTAL ANLYS Instrumental Analysis	SPR/1992 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/09/15		APPROVED: 9/27/91											
				FEE TYPE:3		\$65.00 BUDGET:069318 REV OBJ CD:943081											
CHEM 428	BIOINSTRUMENT ANLYS Bioinstrumental Analysis	SPR/2009 - AUT/9999	3.0	.	.	.	.	Y	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/09/15		APPROVED:10/26/04											
				COMMENT:CHG PREQ		FEE TYPE:1 \$65.00 BUDGET:069318 REV OBJ CD:943081											
CHEM 429	SEPARATION TECHS Chemical Separation Techniques	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16		APPROVED: 2/01/84											
CHEM 430	ADV PHYS ORGNC CHEM Advanced Physical Organic Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 7/18/16		APPROVED: 9/15/15											
CHEM 431	ADV SYN ORGNC CHEM Advanced Synthetic Organic Chemistry	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/24/15		APPROVED: 9/15/15											







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				-ALL U	GRD		U N E	P	& N C	M S N	A S W T P R G						
CHEM 477	HONORS PHYS CHEM HONORS PHYSICAL CHEMISTRY	SPR/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 3/16/00		APPROVED: 2/25/00											
CHEM 484	ELECT & OPTO POLYMERS Electronic and Optoelectronic Polymers	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	CHEM 484 MSE 484	.	
				LAST UPDT: 12/17/15		APPROVED: 2/24/06											
CHEM 485	ELEC STRUCT MATERLS Electronic Structure and Application of Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 9/17/14		APPROVED: 9/16/14											
CHEM 486	ELEC DYN ORG INORG Electronic Dynamics in Organic and Inorganic Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 9/17/14		APPROVED: 9/16/14											
CHEM 491	ADV STUDY ABROAD Study Abroad - Advanced Chemistry	SPR/2007 - AUT/9999	1.0-15.0	15.0	.	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 1/24/07		APPROVED: 1/24/07											
CHEM 496	UG RES SEMINAR RESEARCH SEMINAR FOR UNDERGRADUATES  COMMENT: EMAIL PREREQ CHANGE	WIN/2004 - AUT/9999	1.0	2.0	.	CR/NC	.	.	.	.	Y	.	.	.	CHEM 496 BIOC 496	.	
				LAST UPDT: 10/27/03		APPROVED: 6/21/99											
CHEM 498	TEACHING CHEMISTRY Teaching Chemistry	WIN/1992 - AUT/9999	3.0	.	CR/NC	.	.	.	.	.	Y	.	.	.	.	.	
				LAST UPDT: 7/23/14		APPROVED: 9/27/91											
CHEM 499	UG RES/REPORT WRTG Undergraduate Research and Report Writing	AUT/1985 - AUT/9999	0.0	12.0	Y	CR/NC	.	.	.	.	.	.	.	Y	.	.	
				LAST UPDT: 4/11/94													
CHEM 500	GRNT PRPS & SCI WRT Grant Proposal and Scientific Writing	AUT/2013 - AUT/9999	1.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 9/17/13		APPROVED: 9/17/13											
CHEM 501	READINGS IN CHEM Readings in Chemistry	WIN/1997 - AUT/9999	1.0	9.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 1/15/97		APPROVED: 12/31/96											
CHEM 502	PRACTICAL NMR PRACT NMR METH FOR BIOL & ORG STRUCT ELUCIDATION	WIN/1991 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	
				LAST UPDT: 0/00/00		APPROVED: 10/01/89											

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				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 508	ADV INORGANIC CHEM Advanced Inorganic Chemistry	SPR/1972 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00													
CHEM 510	CRNT PRBS INOR CHEM Current Problems in Inorganic Chemistry	WIN/2006 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/18/05 APPROVED:12/01/87													
				COMMENT:CHANGE CREDITS													
CHEM 516	TRANSITION METALS Transition Metals	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/17/15 APPROVED: 9/15/15													
CHEM 517	ORGANOMETALLICS Organometallics	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15 APPROVED:10/20/15													
CHEM 520	CRNT PRB ANLYT CHEM Current Problems in Analytical Chemistry	WIN/2006 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/18/05													
				COMMENT:CHANGE CREDITS													
CHEM 521	ELECTROCHEMISTRY Analytical Electrochemistry	SPR/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/09/15 APPROVED:12/01/85													
CHEM 522	ANLYT SPECTROSCOPY Atomic and Molecular Analytical Spectroscopy	AUT/1986 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/15/92 APPROVED:12/01/85													
CHEM 523	GEOCHEMICAL CYCLES Geochemical Cycles	SPR/2010 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/22/16 APPROVED:12/20/99													
				COMMENT:MOVE JT COLLEGE													
CHEM 524	ANLYT MASS SPECTROM Analytical Mass Spectrometry	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:10/21/15 APPROVED:10/20/15													
CHEM 525	MESO/MICROFLUIDICS Meso and Microfluidics in Chemical Analysis	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/16 APPROVED: 9/20/16													

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CURRIC NUM	COURSE TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER D		D	S H F			V L E E W					RESPONS COURSE	JOINT COURSES	O M I T
				-ALL U	GRD		U	GRD	E	U	N	E	P	&			
CHEM 526	CHEMOMETRICS CHEMOMETRICS	AUT/1986 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 8/17/06													
CHEM 529	SEPARATION TECHS Chemical Separation Techniques	SPR/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT:11/15/11 APPROVED:11/15/11													
CHEM 530	ADV PHYS ORGNC CHEM Advanced Physical Organic Chemistry	AUT/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/24/15 APPROVED: 2/01/80													
CHEM 531	ADV SYN ORGNC CHEM Advanced Synthetic Organic Chemistry	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/23/15													
CHEM 532	ADV BIO ORGNC CHEM Advanced Bio-Organic Chemistry	SPR/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/23/15 APPROVED: 2/01/80													
CHEM 534	POLYMER CHEMISTRY Polymer Chemistry	AUT/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 2/23/16 APPROVED: 2/23/16													
CHEM 536	CHEMICAL BIOLOGY Chemical Biology	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/22/16 APPROVED:12/16/14													
CHEM 540	CUR PROBS ORGN CHEM CURRENT PROBLEMS IN ORGANIC CHEMISTRY	SPR/1997 - AUT/9999	1.0-03.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 7/11/14													
CHEM 550	INTRO QUANTUM CHEM Introduction to Quantum Chemistry	AUT/1968 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/05/10													
CHEM 551	INTRO QUANTUM CHEM Introduction to Quantum Chemistry	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 9/18/14													
				COMMENT:EMAIL ENFORCE PREQ													
CHEM 552	STATISTCL MECHANICS Statistical Mechanics	WIN/1969 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/03/10													

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					-ALL U	GRD		E	U	N	E	P	& N	C			
CHEM	553	STATISTCL MECHANICS Statistical Mechanics	SPR/1969 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/03/10																	
CHEM	554	BIOMOLE SPECTROSCOPY Introduction to Biomolecular Spectroscopy	SPR/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/30/16 APPROVED: 9/20/16																	
CHEM	559	CHEMICAL KINETICS CHEMICAL KINETICS	WIN/1979 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 0/00/00																	
CHEM	560	CUR PROB PHYS CHEM Current Problems in Physical Chemistry	SPR/1997 - AUT/9999	1.0-03.0	12.0	Y	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/09/97 APPROVED: 3/01/77																	
CHEM	562	SURFACE-MEMBRANE SURFACE AND MEMBRANE CHEMISTRY	SPR/1978 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 1/06/93 APPROVED: 3/01/77																	
CHEM	563	MAGNETIC RESONANCE MAGNETIC RESONANCE METHODS IN CHEMISTRY	SPR/1978 - AUT/9999	3.0	9.0	Y	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 8/17/06 APPROVED: 3/30/77																	
CHEM	564	ELECT/PHOTONIC MTLs Organic Electronic and Photonic Materials/Polymers	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	MSE	560	MOLENG530	.
LAST UPDT:10/21/15 APPROVED: 8/20/04 MSE 560																	
CHEM	565	COMPUTATION IN CHEM Computations in Chemistry	WIN/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 9/21/11 APPROVED: 9/20/11																	
CHEM	567	COMPUTER DATA ANLYS Computers in Data Acquisition and Analysis	AUT/2017 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
LAST UPDT: 3/31/17 APPROVED: 3/21/17																	
CHEM	581	PREP 2ND YEAR EXAM Preparation for Second-Year Exam	AUT/2006 - AUT/9999	3.0	9.0	Y	CR/NC	.	11	.	.	.	.	.	.	.	.
LAST UPDT:11/12/09 APPROVED:10/05/92																	
COMMENT:CHG TTLS, CREDITS, DESCRIPTION																	
CHEM	584	ELECT &OPTO POLYMERS Electronic and Optoelectronic Polymers	WIN/2016 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.
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				-ALL	U		GRD	E	U	N	E	P	&	N			
CHEM 585	ELEC STRUCT MATERLS Electronic Structure and Application of Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 9/17/14		APPROVED: 9/16/14											
CHEM 586	ELEC DYN ORG INORG Electronic Dynamics in Organic and Inorganic Materials	WIN/2015 - AUT/9999	3.0	.	.	.	.	.	.	.	Y	.	.	.	.	.	.
				LAST UPDT: 2/23/15		APPROVED: 9/16/14											
CHEM 590	SMNR GENERAL CHEM Seminar in General Chemistry	AUT/1967 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 3/03/10													
CHEM 591	SMNR INORGANIC CHEM Seminar in Inorganic Chemistry	WIN/1970 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00													
CHEM 592	SMNR ANALYTCL CHEM Seminar in Analytical Chemistry	AUT/1972 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 0/00/00													
CHEM 593	SMNR ORGANIC CHEM Seminar in Organic Chemistry	AUT/1969 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 1/26/09													
CHEM 595	SMNR PHYSICAL CHEM Seminar in Physical Chemistry	AUT/1967 - AUT/9999	1.0	18.0	Y	CR/NC	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 11/12/14													
CHEM 596	SMNR BIOTECHNOLOGY SEMINAR IN BIOTECHNOLOGY	AUT/1996 - AUT/9999	1.0	6.0	.	.	.	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 10/10/96		APPROVED: 6/20/94											
				COMMENT:REPL CHEM 571;CHNG DESCRIPT													
CHEM 597	SEMINAR IN MOLENG Seminar in Molecular Engineering	WIN/2017 - AUT/9999	1.0	30.0	.	CR/NC	.	.	.	.	.	.	.	.	.	.	MOLENG520 MOLENG520
				LAST UPDT: 10/05/16		APPROVED: 11/18/14											
CHEM 600	INDEPN DNT STDY/RSCH Independent Study or Research	AUT/1967 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10													
CHEM 700	MASTERS THESIS Master's Thesis	WIN/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.
				LAST UPDT: 4/19/10		APPROVED: 1/01/70											

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					-ALL	U		GRD	E	U		N	E	L				I	E	C	Q	T	M
					MAX	P	SYS	D	HYPH	M	R	E	A	S	W	T	P	R	G	COURSE	COURSES	I	T

CHEM	800	DOCTORAL DISSERTATN	AUT/1970 - AUT/9999	0.0	999.0	.	.	11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
		Doctoral Dissertation																					

LAST UPDT: 4/19/10 APPROVED: 1/01/70